# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 1 | "10579193" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 09:16 |
| S2 | 2183 | 310/311 or 310/316.01 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 09:20 |
| S3 | 41 | S2 and (drive adj device) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 09:17 |
| S4 | 0 | S3 and ultrasonic with linear with motor | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 09:18 |
| S5 | 7 | S3 and ultrasonic and linear and motor | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 09:18 |
| S6 | 2396 | 310/311 or 310/316.01 or 310/323.02 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 09:20 |
| S7 | 3715 | 310/311 or 310/316.01 or 310/323 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 09:20 |
| S8 | 79 | S7 and (drive adj device) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 10:26 |
| S9 | 10 | S8 and (linear adj motor) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 09:21 |
| S10 | 0 | ("2007/0096598").URPN. | USPAT | OR | ON | 2007/06/27 09:49 |
| S11 | 38 | S8 and (slop$4 or angle $1) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 10:28 |
| S12 | 3 | S8 and ((slop$4 or angle $1) same roller$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 10:29 |

| S13 | 49 | (US-20070096598-$ or US-20010032513-$ or US-20020130442-$ or US-20060042104-$ or US-20040093949-$ or US-20040142602-$).did. or (US-4999536-$ or US-5013958-$ or US-5193405-$ or US-5771134-$ or US-6049968-$ or US-5247581-$ or US-4137776-$ or US-4593569-$ or US-6091179-$ or US-6346107-$ or US-6401044-$ or US-6516668-$ or US-6663818-$ or US-5836639-$ or US-4799365-$ or US-5216313-$ or US-5347997-$ or US-5406432-$ or US-5585686-$ or US-5661242-$ or US-5894901-$ or US-5903517-$ or US-5956880-$ or US-5991638-$ or US-RE36564-$ or US-6113139-$).did. or (US-6217350-$ or US-6440601-$ or US-6692311-$ or US-6854332-$ or US-6945828-$ or US-7008240-$ or US-5374323-$ or US-5360496-$ or US-4291578-$ or US-4823790-$ or US-4888516-$ or US-5438229-$ or US-5614670-$ or US-5971225-$ or US-3793723-$ or US-4173725-$ or US-4246791-$).did. | US-PGPUB; USPAT | OR | ON | 2007/06/27 13:14 |
| S14 | 4 | S13 and upper and lower and slop$4 | US-PGPUB; USPAT | OR | ON | 2007/06/27 13:40 |
| S15 | 1 | "5267796".pn. | US-PGPUB; USPAT | OR | ON | 2007/06/27 14:13 |
| S17 | 1 | "6091179".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/27 14:35 |
| S18 | 1 | "10579193" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 14:39 |
| S19 | 1699 | 310/323 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 14:39 |
| S20 | 259 | S19 and ultrasonic and linear and motor | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 15:07 |

| S21 | 8 | S20 and rail with vibrator $1 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 14:42 |
| S22 | 123 | S20 and vibrator$1 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 15:42 |
| S23 | 0 | rail with sandwich with vibrators$1 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 15:09 |
| S24 | 56 | S19 and ultrasonic adj vibrator$1 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 15:53 |
| S25 | 50 | 310/323.13 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 16:09 |
| S26 | 21 | 310/323.14 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 16:11 |
| S27 | 13097 | (ultras$7 same (roller or ball or "output member")) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 16:18 |
| S28 | 1098 | S27 and vibrator$1 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 16:18 |
| S29 | 395 | S28 and piezo$ | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 16:20 |
| S30 | 3 | 310/384 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 16:21 |
| S31 | 17 | ("5267796").URPN. | USPAT | OR | ON | 2007/12/05 16:39 |
| S32 | 6 | ("3301611" \| "4662762" \| "4682899" \| "4797011" \| "4978233").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 16:57 |
| S33 | 157712 | "384" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 16:57 |
| S34 | 309 | 384/8 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 17:07 |
| S35 | 3 | "4999536".pn. or "6091179".pn. or "5267796".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/05 17:08 |
| S36 | 1 | "5130599".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/07 08:34 |

| S37 | 1 | "5416375".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/12 16:06 |
|-----|---|---------------|------------------------|----|----|--------|
| S38 | 11 | ("3902084" \| "5001404" \| "5062622" \| "5073739" \| "5101132" \| "5105117" \| "5136200" \| "5140215" \| "5198714" \| "5200665" \| "5233258").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/12 16:06 |
| S39 | 43 | ("5416375").URPN. | USPAT | OR | ON | 2007/12/12 16:07 |
| S40 | 2675 | 310/311 or 310/316.01 or 310/323.02 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/12 10:28 |
| S41 | 2 | S40 and bar-shaped adj3 bear$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/12 10:28 |
| S42 | 21 | bar-shaped adj3 bear$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/12 10:31 |
| S43 | 22 | bar-shap$2 adj3 bear$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/12 10:32 |
| S44 | 6 | ("3301611" \| "4662762" \| "4682899" \| "4797011" \| "4978233").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/12 10:33 |
| S45 | 7 | ("3508430" \| "4080009" \| "4448460" \| "4506935" \| "4584916" \| "4606587").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/12 10:37 |

5/12/2008 2:38:31 PM
C:\Documents and Settings\bgordon1\My Documents\EAST\Workspaces\10579193.wsp